

**Arizona State Library, Archives, and Public Records
History and Archives Division**

ARIZONA WATER SURVEY

**An Examination of Water Collections
in Arizona Repositories**

July 1999
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PREFACE

In early 1999, individuals in the Arizona State Library, Archives, and Public Records' (ASLAPR) History and Archives Division approached me about working as a consulting/contract archivist on a project. The project sounded interesting and the timing was such that I was able to accept. The scope of the project dealt with water and water records in Arizona. Simple enough I thought. Having grown up in Seattle, and never traveled to Arizona my initial reaction was, "Water, what's the big deal about water?" Not long after I stepped off the plane at Sky Harbor I realized how important water was in this part of the country. As I spent more time in the state, I understood more fully how complex, and at times volatile, water issues can become, and how they've trickled into nearly every aspect of life in Arizona.

The project was two-fold in nature. First, I was to process and make available three large collections in the State Archives. Second, I was to survey and produce an inventory of original material in certain repositories' (as designated by the contract) water-related collections. This report consists of those findings as I have visited some of Arizona's historical record repositories. Included is information on the three large state universities (ASU, NAU, and UA), the Arizona Historical Society's Central and Southern Divisions, the Sharlot Hall Museum, and ASLAPR's History and Archives Division.

It would be foolish to claim that I was able to find everything. I was continually amazed at the way water had, figuratively, spread into collections. If only Arizona was fortunate enough to have water as abundantly as it is found in its historic records. Therefore, this survey does not purport to be a comprehensive listing of water collections in Arizona, nor a conclusive listing of the institutions surveyed. Rather, it is an embarkation point for researchers interested in water related topics. Undoubtedly material was inadvertently overlooked due to the limitations of the study and sheer size of many of the organization's holdings.

T. Selle

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INTRODUCTION

The growing intricacies of water topics and issues from Arizona's early days to the present compares with the differences of primitive earthen dikes to the complexity of the concrete and steel in Hoover Dam. Today, water issues, policies, problems, and laws have evolved from rather simple affairs to an elaborate matrix that touches nearly every aspect of the state's government, industry, and citizenry.

Long before the region's discovery by Europeans, Hohokam Indians inhabiting the Salt River Valley had devised and constructed a complicated system of canals and other waterways to bring precious water to their fields and homes. Native Americans living in the northern areas of what would become Arizona relied on water conservation practices for their water supply.

The rugged beauty and immensity of the region awed explorers of the American West. In the north, the Grand Canyon lies as a monument to the vast amounts of water that once flowed through Arizona. From the rim, the Colorado River appears as a rivulet on the canyon's floor. Individuals like John Wesley Powell and Frederick Samuel Dellenbaugh discovered the Colorado was a grand and, at times, formidable river. Modern river runners attest to its strength, but the Colorado's flow is much different today than it was in the 1870s. Reclaimed by bureaus and government agencies, concrete dams now bridle the once free-flowing Colorado. However, without these dams, much of the American Southwest would have remained dry and barren, as the early explorers found it.

Mexicans, Europeans, and Americans settling the land hundreds of years after the Hohokam, and neighboring tribes, also built canals and waterworks. Frequently, the settlers used what remained from the Indians' systems. With water from the canals and irrigation projects, the desert became a more hospitable, and industrious, place. Eventually, ownership of water, or water rights, became an issue of great importance for pioneers and homesteaders inhabiting the dry Arizona Territory.

Disputes often emerged over the damming of a river or consuming too much water, leaving a farmer or tribe downstream with a mere trickle and a field of parched crops. During the winter of 1883, the Third Judicial District Court met in Prescott to rule on water dispute of *Kelsey v. McAteer*. In a moment of agitation, the defendant drew a knife and stabbed two people before being shot while attacking a third individual. McAteer died of his wound, likely bringing the case to a swift, albeit, unexpected conclusion.

While the outcome of the McAteer case was unusual, litigation concerning water issues was commonplace. The courtroom became the preferred battleground over Arizona's water and who owned it. Territorial and State court records from as early as the 1870s to

the present list grievances over water as reasons for litigants seeking retribution in the courts of the State's legal system.

When states dispute water allocation, the arena is the US Supreme Court. Beginning in the 1930s, after disagreeing with allocations designated in the 1922 Colorado River Compact, Arizona began appealing to the Supreme Court concerning the water in the Colorado River. The battle in the High Court was fought intermittently for several years until the Justices ruled in Arizona's favor in 1963. The case was one of the longest and most involved cases ever heard by the Court. In the end, Arizona legally increased the amount of water it could draw from the Colorado River.

Arizona's current population obtains approximately sixty percent of its water from limited underground aquifers, with the remainder coming from surface reservoirs. However, with an annual rainfall of less than ten inches, the state consumes far more water than is available within its borders. With water being such a valuable commodity, Arizona's government must not only monitor its distribution, but also its quality, storage, and recreational uses. These government entities, today, form a complex bureaucracy leaving records of their actions, just as early settlers left accounts of their activities.

In 1982, Arizona Governor Bruce Babbitt declared that water was the state's most precious resource. If this is the case, it would not be unthinkable to say that the material relating to water in various Arizona repositories could be considered some of the state's most interesting and valuable historical resources. Archival collections concerning water in Arizona range from a one volume Franciscan Padre's diary written in the 1770s to the voluminous government records of the 1990s. Original historical material in repositories across Arizona include Colorado River explorer Frederick Dellenbaugh's diaries, the coroner's report on Mr. McAteer's autopsy, transcripts from the *Arizona v. California* Supreme Court trial, the papers of modern Colorado River runners, and numerous other items. The purpose of this guide is to provide individuals interested in investigating water related topics with an introduction to primary resources available in Arizona. It should not be considered an all-inclusive listing of items, but an embarkation point for researchers.

INSTITUTIONAL CONTACT INFORMATION

Arizona State Library, Archives and Public Records History and Archives Division	State Capitol 1700 W. Washington Phoenix, Arizona 85007 (602) 542-4159 fax (602) 542-4402 Arizona 1-800-255-5841 www.lib.az.us/archives/
Arizona Historical Foundation	Hayden Library Arizona State University P. O. Box 871006 Tempe, Arizona 85287-1006 (602) 965-3283 fax (602) 966-1077 www.asu.edu/lib/ahf/
Arizona Historical Society Central Arizona Division	1300 N. College Avenue Tempe, Arizona 85281 (480) 929-0292 extension 174 www.tempe.gov/ahs/
Arizona Historical Society Southern Arizona Division	949 E. Second Street Tucson, Arizona 85719 (520) 628-5774 www.azstarnet.com/~azhist/
Arizona State University Department of Archives and Manuscripts	Luhrs Reading Room Hayden Library P. O. Box 871006 Tempe, Arizona 85287-1006 (602) 965-4932 www.asu.edu/lib/ www.asu.edu/lib/archives/
Northern Arizona University Special Collections and Archives Department	Cline Library P. O. Box 6022 Flagstaff, Arizona 86011-6022 (520) 523-5551 fax (520) 523-3770 www.nau.edu/library/speccoll/
Sharlot Hall Museum Archives and Library	415 West Gurley Street Prescott, Arizona 86301 (520) 445-3122 fax (520) 776-9053 www.sharlothall.lib.az.us
The University of Arizona Research Archives, Museums, and Special Collections	University Library P. O. Box 210055 Tucson, Arizona 85721-0055 (520) 621-4345 fax (520) 621-9733 dizzy.library.arizona.edu

ARIZONA STATE LIBRARY, ARCHIVES AND PUBLIC RECORDS HISTORY AND ARCHIVES DIVISION

This listing of collections is in numerical order by Record Group or Manuscript Group. Please use the following alphabetical list to locate a specific Record or Manuscript Group number.

Record Groups

Apache County	RG 100
Arizona v. California Supreme Court Case	RG 95
Arizona-California Boundary Commission	RG 10
Attorney General	RG 4
Cochise County	RG 101
Coconino County	RG 102
Colorado River Commission	RG 25
Corporation Commission, Arizona	RG 29
Gila County	RG 103
Governor's Office	RG 1
Graham County	RG 104
Greenlee County	RG 105
Groundwater Management Study Commission	RG 48
Health Services, Department of	RG 50
Interstate Stream Commission, Arizona	RG 141
Land Department	RG 59
LaPaz County	RG 106
Legislature, Arizona	RG 97
Library, Archives, and Public Records, Department of	RG 99
Maricopa County	RG 107
Mohave County	RG 108
Navajo County	RG 109
Other States, Records of	RG 33
Pima County	RG 110
Pinal County	RG 111
Power Authority, Arizona	RG 75
Prescott, City of	RG 127
Resources Planning Board	RG 74
Rio Salado Development District	RG 88
Santa Cruz County	RG 112
Secretary of State	RG 2
Secretary of the Territory	RG 6
Supreme Court, Arizona	RG 92
Transportation, Department of	RG 53
Tucson, City of	RG 118
Water Resources, Department of	RG 142
Yavapai County	RG 113
Yuma County	RG 114

Manuscript Groups

Botzum, Clara Osborn	MG 9
Burk, J. Irvin	MG 41
Central Arizona Project Reports	MG 53
Hunt, George W. P.	MG 25
Maxwell, George Hebard	MG 1
Winsor, Mulford	MG 36

COLLECTIONS

RG 1

Governor's Office

Material from the Office of the Governor contains the records from many of Arizona's Territorial and State Governors. To make research easier, each governor's records have been organized as an individual sub-group. The records also contain a subject file that spans the tenure of several governors and contains information maintained from one governor to the next. Material relating to water issues is interspersed among the other items and does not comprise the entire record group. Researchers are encouraged to consult the finding aids held in the Archives' reading room.

Subject Files

The Governor's Subject Files are arranged in alphabetical order by topic. Material concerning water issues ranges from the Arizona Territory-era to the most recent records received. Researchers are encouraged to consult the finding aid for this sub-group. Information in the collection pertains to: Groundwater Code, State Water Commissioner, Water and Water Resources (Arizona-California Water Papers, Irrigation, Bureau of Reclamation, Department of the Interior, Nation Reclamation Association, Nation Rivers and Harbors Congress, Colorado River, Boulder Dam, Glen Canyon Project), Colorado River Water Users Association, Interstate Stream Commission, and many others.

Alexander O. Brodie

Material in this sub-group contains reports on the San Carlos Dam Project and items relating to reclamation projects on the Colorado River.

Richard E. Sloan

Issues concerning water in this sub-group of correspondence include: hiring Indians for road crews on the Roosevelt Dam project and San Carlos River water.

George W. P. Hunt

Material in Hunt's Land and Water files contain items relating to state lands, homesteads, water, the 1923 Holbrook flood, the Rose Swindle, and the 1928 St. Francis Dam disaster. Most of the documents are correspondence with a few newsclippings and reports. Other correspondence pertains to the Gila River, water conservation, the National Reclamation Association, flood control dams at Cave Creek, various water and irrigation companies, and lack of adequate water on Indian reservations.

Thomas E. Campbell

This sub-group of one box and a reel of microfilm contains correspondence from 1917 to 1922. Topics include: Cave Creek Dam, the Colorado River Basin, flood control, irrigation, and the National Reclamation Association.

John C. Phillips

The eighteen folders in this sub-group contain correspondence from 1929 to 1930 and include the topics of agriculture and water.

Benjamin B. Moeur

The four boxes and 2 reels of microfilm in this sub-group include correspondence, reports, newspaper clippings, petitions, and speeches dating from 1933 to 1936. Correspondence focuses on livestock and drought conditions, Charleston Dam, the Gila River Project, the Mohawk Water Conservation District, Roosevelt Irrigation District, the Salt River Project, San Carlos Project, and other miscellaneous reclamation projects.

Rawghlie C. Stanford

The 1.5 cubic feet and two reels of microfilm in this sub-group date from 1937 to 1938. The majority of material is correspondence focusing on several topics, including land and water. Land and water files deal with bridges, state and national parks, water and irrigation, the Colorado River, and soil conservation.

Robert T. Jones

There are eight letters in this sub-group pertaining to water issues. All letters date from 1939 to 1940 and concern the Colorado River Basin and Compact, bridges, underground water code, and the Gila River irrigation and drainage projects.

Sidney P. Osborn

This sub-group contains 8.4 feet of material dating from 1941 to 1948. Most of the information concerns Arizona and World War II. The Land and Water files contain correspondence regarding floods in 1941, guarding bridges and dams, water quality, the Salt River Valley Water Users Association, a seaport for Arizona, irrigation problems, the Colorado River Compact, and US-Mexico water treaty.

Dan E. Garvey

This sub-group contains 3.2 feet and 3 reels of microfilm dating from 1939 to 1950. It appears that most of Governor Garvey's files are mixed with those of Governor Osborn. Researchers are encouraged to consult the finding aid for this record group.

John H. Pyle

A portion of the 8 feet of this sub-group (1936-1954) deals with land and water issues.

Paul J. Fannin and Samuel P. Goddard, Jr.

The papers for Governors Fannin and Goddard were never separated and are arranged as they were used in the governor's office. Material dates from 1941 to 1966 and includes correspondence pertaining to the Colorado River, flooding, the Interstate Stream Commission, the Rivers and Harbors Congress, as well as water development and conservation.

John R. Williams

Material in this sub-group totals 147 feet and several volumes and reels of microfilm. The collection contains reports, correspondence, and files dating from 1933 to 1974.

Subjects included in the records include the Central Arizona Project, flood control, Lake Havasu, Rio Salado, Western State Water Council, Interstate Stream Commission, the Salt River Project, and several others topics.

Raul H. Castro

This sub-group contains 63 feet of material dating from 1970 to 1978. Records include correspondence, memos, resolutions, and files. Topics covered in the sub-group range from flood assistance, and the US Water Resources Council to CAP water for Indians, the Salt River Project, Orme Dam, and irrigation.

Harvey W. Bolin

Governor Bolin's papers are included with those of Governor Castro.

Bruce E. Babbitt

This sub-group contains 215 feet of material, 70 reels of microfilm and dates from 1959 to 1986. Material includes correspondence, reports, legislation, minutes, and resolutions. Among this large collection are several topics relating to water issues. These topics include water quality, drought, flood relief, Ak Chin water claims, Western States Water Council, the Central Arizona Project, Orme Dam, Rio Salado, the Bureau of Reclamation, and several other topics.

RG 2

Secretary of State

82 ft, several volumes, and approximately 62 reels of microfilm; 1866-1988

The Arizona Secretary of State is an elected official responsible for certifying all election results, registering all legislative acts, and receiving oaths and bonds for government officials.

The collection contains records of many types and is divided into three sub-groups: Administrative Records, Private Business Records, and State Government Records. Material most useful to researchers of water issues will likely be found in sub-group 1, Record Books and Ledgers (notices of appropriation of water, dam and reservoir sites (1893-1922)) and Correspondence (1948-1977). Sub-group 3 includes some information on irrigation as well as district court papers and Supreme Court cases (1880-1912).

RG 4

Attorney General

46 ft; 1892-1989

Attorney General of Arizona directs the department of law, acts as a legal advisor to official state agencies, and issues opinions regarding the constitutionality of laws.

The collection consists of correspondence, opinions of Attorney General's office, petitions, transcripts, news clippings, and photographs. Organized into three groups

(Attorney General's Office, Tax Division, and Colorado Water Commission), material includes cases involving the Salt River Valley Water Users Association.

Items in the Colorado Water Commission series dates from 1939 to 1967. Material includes: maps of frontwork and levee system, CR files, and items pertaining to the Cibola Valley and Yuma irrigation project. The files contain correspondence, findings, resolutions, litigation material from AZ v. CA, and items pertaining to the CR Boundary Commission.

RG 6

Secretary of the Territory

96 ft and several volumes; 1863-1942

The President of the United States appointed the Secretary of the Territory. Duties of the office included upholding legislative acts, preserve a record of territorial auditors, record all deed and title evidence, and act as Territorial Governor when the Governor was unable to fulfill their duties.

Series headings in this collection consist of: administrative files, correspondence, county records, legislative records, military and Indian affairs, Mexico and other states, institutions, and public officers and offices. Material dealing with water issues is spread throughout the collection. Series likely of most use to researchers are: correspondence and county records. The correspondence series contains notices of appropriation of water and reservoir sites (1893-1910) and other various correspondence. The county record series contains dam site maps.

RG 10

Arizona-California Boundary Commission

4 ft; 1943-1965

Commission examined the conditions along the Colorado River forming the boundary between Arizona and California.

The collection contains a minute book and four boxes of documents. Material consists of correspondence, mailing lists, reports, meeting transcripts, and office files. The office files contain aerial photograph requests, correspondence and reports from Perley Lewis, and information from the US Geological Survey. A report titled "Interstate Compact Defining the Boundary between the States of Arizona and California" is also present.

RG 25

Arizona Colorado River Commission

Fraction cf; 1927-1936 and 1939-1944

The CR Commission was created in 1927 and negotiated with representatives from Colorado, Nevada, New Mexico, Utah, Wyoming, and federal agencies regarding allocation of Colorado River water.

The volumes contain minutes of meetings with other states pertaining to the Colorado River Compact, Arizona's claim to revenue from the Boulder Dam Project, the Colorado River water treaty with Mexico, and other such topics.

RG 29

Arizona Corporation Commission

52 ft, several volumes and reels of microfilm; 1870-1978

The Corporation Commission was responsible for classifying corporations, inspecting and investigating the business and property of corporations, issuing licenses, and ascertaining fair value of property and public services.

Of the five sub-groups in this record group, the Utilities Division, sub-group 4, will likely be of most use to water researchers. This sub-group contains applications, complaints, and dockets pertaining to Arizona power and water utilities. The sub-group contains an item-level inventory.

RG 33

Records from Other States--State of California

2 reels microfilm and 1 folder; 1931-1946

Material in this collection contains administrative records dealing with Colorado River water allocation from the California Department of Water Resources (1931), reports, and the Mexican Water Treaty from the California Colorado River Board (1945-1946).

RG 48

Groundwater Management Study Commission

1 roll microfilm and 7.25 ft; 1977-1980

The Groundwater Management Study Commission was established in 1977 with the objective of developing a comprehensive groundwater code for Arizona.

Records for this organization consist of a roll of microfilmed minutes (Nov. 16, 1977 to June 6, 1980) and 7.25 feet of paper records. The paper records include transcripts from public information meetings, hearings, correspondence, drafts of legislation, and studies and reports. Meeting minutes were from meeting at several locations across Arizona and date from 1977 to 1980. Correspondence files and logs for Frank C. Brophy, Bob McCain, Kathy Ferris, Greg Shannon, Tom Hagen, and Barbara Goldbert.

RG 50

Department of Health Services

Sub-Group 2 fraction ft and microfilm; 1966-1971

The Arizona Department of Health Services has a number of organizations under its jurisdiction, including the Water Pollution Division and the Water Supply Division. The primary task of this department is to promote quality health care and services within the state.

The records of the Water Pollution Division range from 1966 to 1969 and contain a fraction of a cubic foot of paper records and sixteen rolls of microfilm. The records contain correspondence, water pollution plans, City of Phoenix sewer bond programs, and water drainage design data.

The records of the Water Supply Division range from 1968 to 1971 and contain a fraction of a cubic foot of paper records and forty-two rolls of microfilm. Item in the sub-group include: correspondence, application for expanding water supply systems, water source materials, and engineering specifications for systems.

RG 53

Arizona Department of Transportation

approx. 42 ft; 1912-1918

The Department of Transportation is the combination of three agencies: Office of the State Engineer, the Arizona Highway Department, and the Arizona Highway Patrol. Among the many duties of the organization were the establishment and construction of state routes.

The collection is divided into two groups: Highway Department and Department of Transportation. The Highway Department sub-group includes the following series pertaining to water issues: Highway Commissioner, and State Engineer's Office. Useful information in the Department of Transportation sub-group is the Public Transportation Division.

Information in the Highway Commissioner's records include three feet (1969-1974) of office memos, correspondence, reports on public meetings and proposed projects. Material in the State Engineer's series includes two feet (1918-1972) of files on dam projects, regulation regarding dam construction, pictures, graphs, economic examinations, drainage reports, design and construction reports, flood control maps, and warrant logs. Information on dams includes the Salt River Project, Lake Mary Project, Roosevelt Dam, the San Carlos Project, and several projects in the Pacific Northwest. Files from the Public Transportation Division detail the 1980 Salt River flood with specific information regarding the AMTRAK service between Phoenix and Mesa. Material includes schedules, photographs, sound recordings, and a poster.

RG 59

State Land Department

at least 65 ft, several volumes, and many rolls of microfilm; 1860-1987

The State Land Department administers regulates state lands according to current laws and oversees transactions (sales and leases) of lands owned by the state. The department also manages and develops urban areas.

This record group has been divided into several series, those of most use to those researching water issues are: State Land Commissioner Reports (1912-1978); Water Division (1891-1956); and Groundwater Division (1946-1956). Researchers may want to consult the other series in this collection for random information on water held herein. The finding aid for this record group includes item-level descriptors; examining the finding aid is highly recommended.

The State Land Commissioner's Reports consist of 25 feet of material and includes: hearings, correspondence, township plats, range drainage maps, water course documents, reports, and minutes.

Water Division records include water locations and filings (starting in 1891), notices of appropriation, Colter filings (1923-1956), correspondence, flood control reports, and newspaper clippings. Inclusive date of the series are from 1891 to 1956 and are found in 10 cubic feet, seven volumes, and three rolls of microfilm.

Records from the Groundwater Division, two cubic feet of materials, range from 1946 to 1956 and include irrigation well filings, canceled notices of intentions to drill, and well logs.

RG 74

State Resources Planning Board

3 ft; 1932-1943

The Resources Planning Board, abolished in 1971, was to investigate and prepare formal plans for the development, conservation, control, regulation, and use of Arizona's water resources.

The collection consists of minutes, correspondence, reports, subject files, and George Roy's files. Subjects of material in the collection include: Gauging and discharge of streams; irrigation and power districts in Arizona; land use plan (1934); Sabino Canyon Dam; water in Arizona (1876-1936); water and soil conservation; Colorado River Commission; and Bureau of Reclamation Projects (1941-1942).

RG 75

Arizona Power Authority

1 ft; 1939-1948

Colorado River Commission duties concerning power were transferred to the Arizona Power Authority in 1945. The organization was to gather data on development and use of power generated from Colorado River projects.

The collection consists largely of files with information on possible board members, proposed legislation, court cases, utility rates as well as including correspondence, speeches, legal material, newsclippings, telegrams, complaints, and statistical reports.

The finding aid also makes reference to microfilm reels 17.3.3 through 17.3.5.

RG 88

Rio Salado Development District

29 ft, 117 presentation boards, and 150 oversize maps; 1952-1988

The Rio Salado Development records document the planning and promotion of flood control and community development along the Salt River. Voters defeated the proposed project in 1987.

The collection is organized into four series and includes bylaws, minutes, agendas, legislation, reports, notes, memos, correspondence, newspaper clippings, charts, maps, photographs, drawings, and other audio-visual material.

RG 92

Supreme Court

This collection contains information about several cases dealing with water rights. Many of the cases name canal or irrigation companies as a litigants in proceedings dating as early as 1890. This material is located on several reels of microfilm; researchers are encouraged to consult the finding aid for this record group.

The Arizona State Water Master is affiliated with the Arizona Supreme Court and renders decisions on water rights issues in the state. The Supreme Court Records contains several reels of microfilm dealing with two cases heard by the Water Master. Case 1154-B, "The Determination of the Relative Rights of the Use of the Waters of the Gila River....," originated in Greenlee County, was heard by that county's Superior Court, and dates from 1926 to 1936. Case C-23030-B, Southwest Cotton Company, et. al. v. Maricopa Municipal Water Conservation District, et. al. dates from 1926 to 1942 and contains several charts, maps, and blueprints.

RG 95

Arizona v. California Records

48 ft and 2 oversize boxes; 1890-1967

The Arizona v. California Records document the 1952-1963 Supreme Court case between the two states over water allocation rights on the Colorado River.

The collection contains legal exhibits, briefs, memoranda, and reports. A small number of office files, photographs, print material, and water permit applications are also present.

RG 97

State Legislature

83 ft and several volumes, microfilm reels, and VHS cassettes; 1912-1988

This collection contains bills, committee hearings, resolutions, correspondence, and subject files organized into several sub-groups. Sub-group 6, Members, contains information likely to be of most use to water researchers. Comprising approximately eleven cubic feet, material dates from 1931 to 1988. The sub-group has been further divided into a series for each legislator whose records are in the collection. There is also one box containing Water Commission Meeting minutes.

Senator Robert R. Morrow's three boxes of papers date from 1935-1940 and 1950-1966. The papers deal with the Colorado River Boundary Commission.

The one cubic foot of records of Senator Polly Getzwiller date from 1973 to 1979. Material in this series contains correspondence, files, legislation and minutes from: the Groundwater Management Study Commission, Central Arizona Project, State Water Plan Study, groundwater quality, Arizona Water Commission, US Water Resources Council, hydrology problems, and other topics.

RG 99

Department of Library, Archives, and Public Records

Several boxes; 1857-1988

Documents in this collection consist of miscellaneous material relating to the history of Arizona. Some items were transferred from the State Library to the State Archives. The collection contains several letters from prominent figures in Arizona history and politics (James McClintock, Fred Colter, Charles Carson, Carl Hayden, George Hunt, and several others). Subject matter includes: Colorado River conferences, Arizona Colorado River Commission, the Colorado River Compact, Arizona Power Authority, Boulder Dam, Irrigation, and so on. The collection also contains a sub-collection consisting of the papers of Thomas E. Farish, Arizona State Historian. Researchers are advised to consult the finding aid for RG 99.

Arizona Counties, RG 100 - 114

Records for Arizona counties vary in both the time period of inclusive material and the material itself. Each county has been designated as its own record group with general sub-groups for specific county positions and offices. In some cases, sub-groups for a particular county may not exist due to a lack of records. Researchers are encouraged to contact the Archives for further assistance with county records. In most instances, records have been microfilmed.

For all counties, sub-group 8 contains the records of that county's Superior Court if the records are available. This sub-group is further divided into series containing Civil, Criminal, and Probate records. Court cases concerning water rights and litigation are civil cases and can be found in this series of sub-group 8.

Many county records also contain documents from the County Recorder's Office listing millsites as well as canal and other water rights. Other material relating to water issues are noted with each county's records.

RG 100

Apache County

Apache County contains several civil cases dating from 1888 to 1915 contesting water rights.

RG 101

Cochise County

RG 102

Coconino County

RG 103

Gila County

RG 104

Graham County

A quarter foot of material dating from September 1951 to November 1968 dealing with sewer and public water works.

RG 105

Greenlee County

See RG 92, Supreme Court, for material relating to case number 1154-B, The Determination of the Relative Rights of the Use of the Waters of the Gila River.

RG 106

LaPaz County

RG 107

Maricopa County

Material in sub-group 5, County Recorder, contains claims to canals, millsites, and water locations from 1872-1902. The small number of documents are indexed, with some years missing.

Sub-group 5 also contains one microfilm reel of Maricopa County Canal Books dating from 1871 to 1922. The Canal Books list canal claims, claimants, date of claim, and detailed information regarding the specifics of canal/water claims.

The materials in sub-group 8 consist of over 1,000 civil court cases from the Maricopa County Superior Court dealing with water rights. There are eleven reels of microfilm with information dating from 1871 to 1948. Some of the cases have resulted in landmark rulings (Kent Decree, Benson-Allison Decree, etc.) Researchers are encouraged to consult with Archives' staff for help in locating a particular case. Among litigants listed are: Maricopa Canal Company, Salt River Valley Canal Company, Arizona Canal Company, Gila River Irrigation Company, Tempe Water Development Company, and Salt River Valley Water Users Association. Most of the cases have been microfilmed and are listed as "Maricopa County Superior Court Water History Cases in Arizona, Civil Cases."

Sub-group 8 also contains twenty boxes of material from the Maricopa County Water Commissioner. These items date from 1878 to 1987 and include logs, logbooks, photographs, decree implementation records, fee books and reports.

Items in sub-group 9, Board of Supervisors, Water Records contains a fraction of a foot of material dating from 1920 to 1965. Records include petitions for hearings, maps, official bonds, resolutions, and correspondence. Minutes and correspondence relating to the Leon Irrigation District (1920-1922), the Nadaburg Irrigation District (1923-1959), and Maricopa County South Water Conservation District (1927-1929) are also present. There are also correspondence, reports, and petitions for the Irrigation Water Delivery District (1941-1965).

RG 108
Mohave County

RG 109
Navajo County

RG 110
Pima County

Sub-group 5, County Recorder, contains a water register from the Bisbee-Naco Water Company. Names from A to K are listed in this 1906 register.

RG 111
Pinal County

RG 112
Santa Cruz County

RG 113
Yavapai County

Sub-group 11, County Treasurer, contains annual statements and receipts for the Chino Valley Irrigation District from 1962 to 1969.

RG 114
Yuma County

Material in sub-group 5, County Recorder, contains information pertaining to water rights deeds (1891-1903), water appropriations (1913-1921), and four volumes of water contracts (1917-1944).

RG 118
City of Tucson
1 ft; 1917-1955

Items in this collection include warrants for health, sewer, and drainage (1917 and 1919) and correspondence, receipts and information regarding the construction of Northside Swimming Pool at Himmel Park.

RG 127
City of Prescott
1 reel microfilm; 1873-1895

This collection contains three reels of microfilm. Among information in the City Council series are minutes from meetings and resolutions dealing with town improvements and rates for the Prescott City Water Works.

RG 141
Arizona Interstate Stream Commission
97 ft; 1899-1975

The Arizona Interstate Stream Commission Records contain information about the Commission and its role concerning water issues in Arizona. The collection contains files, legal information, legislation, reports, and correspondence with the bulk of material originating in the 1950s and 1960s. Most of the legal information pertains to the Arizona v. California Supreme Court case and is in the form of briefs, memoranda, trial notes, court transcripts, and exhibits. Of particular interest are the files of Charles Carson, special counsel for Arizona's Colorado River Commission and later lead counsel for the AISC.

RG 142
Arizona Department of Water Resources
77 ft; 1947-1988

The Department of Water Resources Records document the activities of the Department and issues concerning water management in Arizona during the 1970s and early 1980s. Approximately three-fourths of the collection consists of paper records, mostly correspondence and office files (Office of the Director, department office files, legislation, engineering files, and flood control information). The remainder of materials

include: a small number of photographs, technical drawings and blueprints, maps, large aerial photographs, bound reports, and computer analyses.

Manuscript Collections

MG 1

George Hebard Maxwell

9 ft; 1897-1955

This manuscript group includes letters, papers, press releases, galley proofs, and newspaper articles by or about George Maxwell. Topics covered by material in the collection include: the National Reclamation Association, water supply from the Colorado River, Arizona-American High Line Project, the Colorado River Compact, Boulder Canyon Project, Bridge Canyon Dam, Homecrofters, flood control, and others. The collection also consists of correspondence with many national personalities.

MG 8

Bisbee-Naco Water Company

1 book; 1906

Ledger book from water company.

MG 9

Clara Osborn Botzum Papers

7 notebooks; 1931-1979

Arizona businesswoman and legislator. Co-owner of Rio Vista and Rico mines, served in Arizona legislature from 1942 to 1950 and 1958 to 1962. Member of Agriculture and Irrigation; Highway and Bridges; and Natural Resources committees.

The majority of this collection is comprised of correspondence although there are some newspaper clippings and photographs present. Information concerns the Parker-Gila Project, suspension bridge at Parker Dam site, highway bridge at Parker, Parker dam road, CCC, as well as correspondence regarding appointment to Colorado River Boundary Commission.

MG 25

George W. P. Hunt Collection

20 ft; 1859-1934

Early Arizona legislator and later Governor. Also served as US Minister to Siam.

The collection contains correspondence, speeches, addresses, and newsclippings. Most of the material deals with Hunt's political views and other such issues. However, there is limited information concerning the Colorado River (statements, speeches, and articles dating from 1926 to 1930).

MG 36

Mulford Winsor Papers

11 boxes; 1874-1976

Arizona newspaper man then politician. Served as Arizona Historian, Executive Secretary to Gov. Hunt, Chair of State Land Commission, state Senator, member and Secretary of the Colorado River Commission, Director of State Library and Archives.

The collection consists of files, correspondence, notebooks, and legislative material. Few items deal with water-related issues. Those that do include: Colorado River notes and papers (1922 and 1926) and a book containing clippings, publications and other papers dealing with the water commission (1925-1928).

MG 41

J. Irvin Burk Collection

5 folders; 1920-1940

Arizona legislator and member of the Colorado River Commission.

The collection consists of correspondence, reports, photographs, post cards, and other articles. Material documents Burk's career and opinions on the Colorado River controversy. The finding aid describes material at the item level.

MG 53

Central Arizona Project Reports

1 box; 1950-1962

This manuscript group contains two folders of information. Material relates to the Central Arizona Project and Central Arizona Project Association.

Other Material

Vertical Files

The Archives' Vertical Files contain clippings and other information regarding numerous topics in Arizona history. The files are arranged in alphabetical order by subject. Researchers are encouraged to speak with the Archives' staff regarding the Vertical Files.

Colorado River Steamer Log

This logbook gives an account of a steamer captain's activities on the Colorado River from 1878 to 1880. Information consists of voyage notes, the number of passengers on

the vessel, and information relating to the steamers cargo. The steamers traveled the Colorado River along the Arizona-California border. Vessels mentioned in the log include the *Cocopah*, *Colorado*, *Gila*, and *Mojave*.

Photograph Collection

The Archives has extensive photograph holdings. Many of the 73,000 images in the photograph collection are indexed on a database, with several including a digital image of the photo. Within the collection are various sub-collections. These smaller groupings include photos from the Arizona Highway Department (mostly bridges); 1923 Colorado River Survey (mile-by-mile photos from Lee's Ferry to Pearce Ferry); Arizona State Land Commission photos (1912); Emergency Relief Administration (1935); Arizona Tourism; and Roosevelt Dam photographs. Other keywords researchers may want to consider when searching the database are: canals, irrigation, rivers, dams, floods, Schoenfeld, and the specific name of a river, canal, or dam.

Material in the Arizona Collection of the State Archives and State Library

The Archives' Arizona Collection holds monographs, reports, and other publications pertaining to Arizona's history. Some items are original documents or publications of a limited number. Location information for most items in the Collection is available using SIRSI, the State Library and Archives' on-line catalog. In a few cases, items may not have been entered into the on-line system. A card catalog is also available in the State Library. For more information regarding publications in the Arizona Collection, researchers are encouraged to contact the Archives. Researchers may also find additional material in the State's Law Library and the Federal Documents Repository of the State Library. The State Library also holds annual reports from state organizations involved with water issues, such as the Arizona Interstate Stream Commission and the Arizona Department of Water Resources. Researchers should consult with a librarian for help in finding these reports.

Publications held by the Arizona Collection are too numerous to include in this guide. The following list provides a general impression of the types of items in the Collection. Non-specific call numbers are provided below as a foundation for further searches.

(Ariz 333.91) This material focuses primarily on the political and administrative side of water development in the West. Documents include minutes and proceedings of commissions, correspondence, and treaties.

(Ariz q333.91 C711) Minutes and hearing proceedings of the Federal Colorado River Commission.

(Ariz q333.91 C712) Minutes from meetings of the Colorado River Basin States Committee.

(Ariz q333.91 C714) Minutes from meetings of the Committee of 14.

(Ariz q333.91 C715) Material pertaining to the Mexican Water Treaty.

(Ariz q333.91 C7198) *Chronology of Arizona-California Water Rights Controversy*, is a three-ring binder containing a type-written, detailed account of the Arizona-California controversy. Some entries contain call numbers of publications referred to in the text. The volume also contains a four-page list of "Colorado River Material in US Congressional Serial Set...through 1951."

(Ariz q333.91 C72) Fred Colter's publication *The Reclaimer*, filings on the Colorado River, and other material.

(Ariz q333.91 H63) Fred Colter's publication *Highline*, and speeches by Dwight Heard.

(Ariz 625) Highway Department studies and reports concerning drainage, bridges, and traffic.

(Ariz 627) Colorado River information (pamphlets, typed or mimeographed reports); irrigation; All-American Canal; flood investigations; flood control on Arizona rivers; flood damage reports; channelization; Rio Salado; Colorado River storage projects; reclamation studies; power and water utilities; Colorado River problems in Bureau of Reclamation reports.

(Ariz 627.5) Reports on several Arizona projects: Colorado River storage projects; Hassayampa; Snowflake; and Verde River.

(Ariz 627.8) Dams: Hoover/Boulder; Alamo; Roosevelt; New Waddell; Mormon Flat; Lyman; and Glen Canyon (including studies on Native American archaeological sites); water supply and conservation districts.

(Ariz q627.8 B76i) *The Story of Hoover Dam*, published by Ingersoll-Rand Company is a bound group of booklets describing the construction of the dam and includes numerous photographs and drawings.

(Ariz 628) Water and Wastewater: aqueducts, water supply systems; canals; water quality.

Material in Vault

Colorado River Scrapbooks

The Archives has access to eight scrapbooks containing newspaper clippings and other information pertaining to projects and controversy over the Colorado River during the

late 1910s and early 1920s. Some of the volumes are marked "Colorado River Commission of Arizona."

(333.91 M16n) *Notebook on Colorado River Problems (McCluskey)*

This small binder contains typewritten copies of notes, legal decisions, and the Colorado River Compact maintained by Mr. McCluskey.

(627.8 L98c) *Report on Lyman Dam*

(979.09 S66) *Report of J. W. Powell*

(979.09 U58r) *Report Upon the Colorado River and the West*

ARIZONA HISTORICAL SOCIETY—CENTRAL ARIZONA DIVISION (TEMPE)

Collections at the Arizona Historical Society-Central Arizona Division (Tempe) vary considerably in content and size. Holdings include books, archival collections, vertical files, HAER reports, oral histories, as well as video and photograph collections pertaining to water-related issues in Arizona. The strongest holdings being topics dealing with the Salt River Valley. Among this material are items concerning the Central Arizona Project, Roosevelt Dam, other dams, and information pertaining to Indians and irrigation projects.

Researchers are encouraged to visit the Historical Society's WebPages at: <http://www.tempe.gov/ahs>. Descriptions of the Society's manuscript, photograph, and oral history collections as well as some finding aids are available on-line. Detailed subject guides, listing pertinent books and collections are for researcher use in the reading room.

Manuscript Collections

Some of the Historical Society's collections consist of a limited number of items. These collections are labeled as Small Collections. Due to their size, most do not have finding aids and are summarized by short descriptions.

1981.171

Jim and Linda Boyce

Small Collection; 1920s

This collection contains a photograph and brochure of the tour boat *Geronimo* on Canyon Lake.

1976.146

C. E. Cady

Small Collection

Material in this collection consists of a tourist advertisement for the Grand Canyon.

1975.08

Creighton Family Papers

Small Collection; 1893-1970

This collection covers a number of subjects pertaining to Arizona and history in general. Water-related material includes information on water resources.

1975.14

Green Family

Small Collection; 1910

This collection contains a copy of the Kent Decree, an Arizona Territorial Court's decision regarding Salt River Valley water rights.

MS 18

Orme Lewis Papers

Small Collections; 1908-1940

Material in this collection consist of a share certificate from the Appropriators' Canal Company (1976.138); City of Phoenix applications to the federal government for municipal improvements including storm sewers, water extensions and waste sewers (1975.27); papers dating from 1920 to 1940 (1980.38).

1974.12

J. Dick Marlar

Small Collection

This collection primarily deals with Mr. Marlar's mining business; water right certificates are also present.

1984.69

Clifford M. Murphey

Small Collection

This collection contains the papers of Mr. Murphy's interest in the development of the Central Arizona Project.

1975.32

E. V. O'Malley Collection

Small Collection

Items in this collection focus on information regarding the history of water usage and the Salt River Project.

1981.204

Lois Pare

Small Collection; 1947

This collection contains the booklet: "Pueblo Grande Welcomes the National Reclamation Association to Phoenix: 1500 Years of Irrigation History."

Photograph Collections

1977.321

Central Arizona Project Photographs

35 Photographs

1974.04

Vernon Clark Photograph Collection

153 Photographs;

The photos in this collection depict early Arizona history, including images of irrigation canals.

1991.08

Roy Galbraith Photographs

533 Images; pre-1946

Images in this collection include: Agua Cliente Springs, canals, Horse Mesa Dam, and Roosevelt Dam.

1988. 144

Hildibrandt Photograph Collection

260 Photographs; 1912-1956

The collection consists of images illustrating various Phoenix water works and other projects. Projects include Horse Thief Basin, Casa Grande, Santa Maria River Bridge, and works in the Phoenix area. Photographs also include a Buckeye ditching machine and a 1916 street flusher.

1988.139

Koldberg Family Photos

One image of Roosevelt Dam.

Kuche Collection

74 Photographs; early 1900s

This collection consists of seventy-four photos, most of which pertain to Roosevelt Dam, including its construction and dedication.

1996.01

Walter Lubken Photographs

77 Photographs; ca 1907

Most of the images in this collection are of Native American of the San Carlos Reservation. Some photos of water projects may be present, as Lubken was a photographer for the Bureau of Reclamation.

1992.78

Phoenix History Project Collection

8.5 ft; 1941-1974

Photographs in this collection include the topics of: Castle Hot Springs, Colorado River, Grand Canyon, Marble Canyon, Roosevelt Dam, Salt River, and White River.

1979.152

Roosevelt Irrigation District Photograph Collection

76 Photographs; 1928-1934

Photographs in this collection consist of images of the construction of Stewart Mountain Dam, the Agua Fria Crossing, and the Roosevelt Irrigation District. Along with construction shots are photos of workers, machinery, river scenes, and Smith Reservoir.

Oral History Collections

The oral history collections at the Arizona Historical Society Central Division encompass a variety of topics. Those relating to water development and/or usage are listed.

Beardsley, William M. Agriculture, water use, and irrigation.

Corbell, Victor S. Colorado River Water Users' Association, Salt River Project (Corbell served as president of this organization), and agriculture in the Salt River Valley.

Phillips, Hazel Irrigation and farming on the McDowell Indian Reservation, recollection of husband's service as a Salt River Project council member.

Rounds, Katherine Grand Canyon.

Sandige, Dale R. Water use in Phoenix.

Vertical Files

The AHS-Tempe's vertical files generally contain newspaper clippings, pamphlets, brochures, and like material. Manuscript, or original documents, are located in the organization's collections. Listed are topics within the vertical file of interest to researchers.

Blue River

Bridges

Canals

Cattle Ranching

Colorado River

Dams

Glen Canyon

Orme

Roosevelt

Waddell (Lake Pleasant)
Echo Canyon
Floods
Grand Canyon
Ice
Ice Manufacturing-Census Bulletin
Maricopa Wells
Orme Dam
Pima Indians and the San Carlos Irrigation Project
Pleasant, Carl
Phoenix Water Works
River Trips
Roosevelt Lake Bridge
Salt River Project
Salt River Valley
Steamboat Landings
Water

HAER Reports on Maricopa County Dams

The Historical Society holds a significant number of HAER reports documenting Maricopa County dams and waterworks. The reports contain historical information, technical drawings and blueprint copies, as well as photographs. With the exception on three projects outside Maricopa County, all reports detail waterworks on the Salt River. Nearly all of these reports were compiled by staff of the Salt River Project.

Arizona Canal, North of Salt River, 1991
Bartlett Dam, 1990
Bartlett Dam, Verde River, 1990
Crosscut Steam Plant, 1991
East Mining Area Transmission Line, June 1996 (Gila County)
Grand Canal and Crosscut Hydro Plant, North Side Salt River, 1990
Granite Reef Diversion Dam, Salt River 1998
Highline Canal South Side of Salt River, 1990
Horse Mesa Dam, 1989
Horseshoe Dam, Dec. 1991
Mormon Flat Dam, 1989
Old Crosscut Canal, North Side Salt River, 1991
Roosevelt Power Canal and Diversion Dam, n.d. (Gila Co)
San Carlos Irrigation Project North and South of Gila River, March 1996 (Pinal County)
San Francisco Canal Between 40th St. and Weir Ave. and 36th Ave. and Roeser Rd, 1986
South Canal, South of the Salt River, 1998
Stewart Mountain Dam, Jan. 1992
Tempe Canal, South Side of Salt River, 1989
Theodore Roosevelt Dam, June 1992

Theodore Roosevelt Dam, Power Plant, Salt River, 1996
Waddell Dam, 1988
Western Canal South Side of Salt River, Maricopa Co., 1990

Other Material

Roosevelt Dam Postcards

Approximately 8 postcards (see subject guide for catalog numbers)

Roosevelt Dam Videos

22 items; 1928-1992

Researchers are encouraged to examine subject guides held in the Historical Society's reading room for additional material and their location.

ARIZONA HISTORICAL SOCIETY—SOUTHERN ARIZONA DIVISION (TUCSON)

The Arizona Historical Society, Southern Arizona Division in Tucson has several manuscript collections with information relating to water issues. Particular collection strengths at the Historical Society include explorer papers, the settlement of southern Arizona, and the papers of members of several water management and advocacy groups.

The Historical Society also maintains a large photograph collection. The images are organized into subject files and are indexed in a card catalog in the Archives' reading room. In a similar catalog are the indexes for magazine, newspaper, and ephemeral holdings. These parallel collections also hold considerable information on water issues. The Society also has oral history collections.

Manuscript collections are also indexed in a card catalog. In this catalog are references to documents in the Historical Society's Biographical File. The Biographical File's entries are too numerous to list; the information contained therein ranges from simple biographical sketches to stories about a particular individual or event.

Several keywords would be of use when searching for items in any of the Historical Society's card catalogs. Search terms include, but are not limited to: canal, water, water conservation, water rights, irrigation, Central Arizona Project, Colorado River, Salt River Valley Water Users Association, Santa Cruz River, Tucson urbanization, and Salt River.

Manuscript Collections

MS 1059

Wayne M. Akin Papers

1.5 ft; 1934-1982

Arizona business man and real estate developer. Mr. Akin formed the Western Farm Management Company and the Colorado River Project Association. He was also first Chair of Arizona Interstate Stream Commission as well as first Chair of the Central Arizona Project Association.

Most of the information in this collection concerns the Western Farm Management Company but there is some information on water issues dealing with the Colorado River and the Central Arizona Project.

Two oral histories have been conducted with Akin (1982 and 1989), the 1989 interview is in the oral history collection (AV 0424).

MS 12

Frank T. Alkire Papers

3 ft; 1886-1953

Arizona rancher and businessman.

This collection consists mostly of business information. However, some information regarding work on the Salt River Valley Water Users Association is present; including correspondence with Carl Hayden.

MS 13

Allison Family Papers

2 boxes; 1895-1972

Ranching family who settled in Tucson. The Allison family later went into real estate development and water rights.

The collection consists of correspondence, legal documents, contracts, mining claims, water rights location notices, financial records, biographical and printed material. Water rights material deals with rights for the Fresno Mining District, Allison Canal, applications for rights on Santa Cruz River, affidavits concerning the history of the Tucson Water Company. This material is in series two and dates from 1895-1923.

MS 311

John Campbell and Isabella Greenway Papers

117 ft; 1860-1953 (bulk 1890-1936)

Isabella was an Arizona legislator. John was a mining engineer, involved with Diamond Creek Dam on the Colorado River and served with corps of engineers in WWI.

The collection consists of information regarding John and Isabella's work on the Colorado River Compact. It includes a variety of material dating from 1911 to 1934. Of particular interest will be RG 2, Series 1, "Colorado River Development, 1911-1934."

MS 1129

Canal Companies of Arizona

.5 ft; 1901-1916

This collection contains legal papers and correspondence from attorney John. H. Campbell's office. Issues concern cases brought against canal companies. Companies involved in the various suits include: Florence Canal Co., Casa Grande Valley Canal Co., Rillito Canal Co., and Rillito Farms Co.

MS 215

Frederick S. Dellenbaugh Papers

4.5 ft; 1871-1931

Dellenbaugh was an explorer, artist, and writer with John Wesley Powell's second Colorado River expedition in 1871.

The collection consists of correspondence, expedition diaries, research notebooks, narratives of exploration and settlement in Utah, Colorado River-bed case documents. Most of the collection consists of photostat reproductions of the diaries of other Colorado River explorers (Francis M. Bishop, Stephen V. Jones, Almon H. Thompson, and Robert B. Stanton, most of whom were also with Powell expeditions). There are also research notes for his western history writings, US Supreme Court records of *US v. Utah* 1929 case, and Mormon Church documents relating to exploration and settlement of Colorado River areas.

MS 1097

Hugh C. Gilbert Papers

.5 ft; 1914-1933

Arizona rancher and businessman, governor of Salt River Valley Users Association, and state Senator from Maricopa County. Mr. Gilbert also served on Maricopa County Board of Supervisors.

This collection contains six folders of correspondence, bank statements, reports regarding Maricopa Co. Board of supervisors, minimal correspondence regarding the Salt River Valley Water Users Association.

MS 0981

Harold C. Giss Papers

30.5 ft; 1948-1973

Arizona politician for 23 years and democratic state legislator.

The Giss Papers consist of correspondence, legislative committee minutes, speeches, financial records, and printed material. Correspondence with numerous individuals includes: Morris Udall, Carl Hayden, Samuel Goddard, Jack Williams, various mayors, and citizens. These letters comprise nearly half the collection. Minutes from meetings include the Arizona Committee on Water and Natural Resources. Speeches include issues regarding Colorado River use.

MS 54

John Hance, Visitors Book

.25 ft; 1891-1900

Captain John Hance established the first trail to the bottom of the Grand Canyon.

This visitors book includes notes and signatures of visitors to the Grand Canyon.

MS 261

Robert Humphrey Forbes Papers

52.5 ft

Forbes was an agronomist, educator, and state legislator.

Material of interest to water-researchers include legislative papers and correspondence relating to Colorado River water rights and groundwater issues. These items are located in series 7.

MS 0465

Thomas Maddock Papers

3 ft; 1915-1965

Arizona pioneer, legislator, and state highway engineer. Maddock later served as an Arizona legislator as well as a member of the Colorado River Commission and engineer for Gila Valley Irrigation District.

Most of the collection consists of papers, correspondence, and printed material focusing on securing Arizona's rights on the Colorado River. Papers include speeches by C. Hayden and Dwight Heard. There are papers regarding the construction of Boulder Dam, the Colorado River Compact, and CAP. There is also a series dealing with Arizona Highway Department construction projects in the 1920s.

MS 638

Otero Family Papers

.25 ft; 1807-1957

Torivio Otero received a land grant from King Ferdinand VIII of Spain to settle near Tubac, AZ. The Otero family became prominent cattle ranchers.

Material of interest to water-researchers is a water location document for Sabio Ortero dated 1902.

MS 183

Pima County Collection

52 ft; 1864-1985

This collection contains considerable information regarding Pima County. Items of interest to water researchers include: Sabio Canyon Dam Project (box 2, folder 14), irrigation districts (box 2, folder 15), Santa Cruz River Bridge (box 2, folder 13), and River Basin and Water Rights (box 26, folder 227).

MS 0011

Abel Stearns Declarations

.1 ft; 1850

Pioneer, California businessman, and early Mayor of Los Angeles, California.

This collection contains five handwritten declarations made before Mr. Stearns concerning a conflict between Americans and Yuma Indians, at the Yuma, Arizona ferry across the Colorado River.

MS 1065

William Wallace and Ada Bass

4.75 ft; 1894-1926

Wallace and Bass were early tourism developers at the Grand Canyon.

This collection contains diaries and correspondence regarding the development of the Grand Canyon, with information on mining, tourism, formation of the National Park, and local history.

MS 844

Solomon Warner Family Papers

3.25 ft; 1859-1951

Members of the Warner family were the first American business traders in Tucson.

Most of the material in this collection refers to Mr. Warner's business transactions. Of particular interest are items in Box 2, folders 37, 38, and 41 regarding water supply to the flourmill.

MS 853

Wheeler Papers

.25 ft; 1880-1939

Mr. Wheeler was a Tucson businessman late 1800s.

Material in this collection consists of one folder of manuscript articles written by Wheeler. Of particular interest might be the article: "History and Facts Concerning Warner and Silver Lake and the Santa Cruz River."

Other Collections

The Historical Society holds the following records that focus on other topics but may contain information on water issues.

MS 975--Tucson Electric Power Company Collection (32 ft of AZ newspapers clippings)

MS 707--US Bureau of Indian Affairs, San Carlos Agency (11 ft, mostly material from trial courts)

MS 65--Becker Family Papers (24 ft, mostly legal documents, biographical material, and financial records relating to the family's mercantile, banking, and cattle business)

MS 170--Contzen Family Papers (3.5 ft, mostly relating to mining, however there are a few maps of Canada del Oro Water Storage and Power Reservoirs)

Oral Histories

AV 0424

Wayne Akin

Akin served as first president of the Central Arizona Project Association as well as chairman of the Arizona Interstate Stream Commission.

Two oral histories have been conducted with Akin (1982 and 1989), the 1989 interview is held by the Historical Society. Topics discussed in interviews with Mr. Akin include water rights on the Colorado River.

AV 0505-12

William G. Ealy

Ealy was Deputy City Manager in Tucson. Topics discussed in interviews with Mr. Ealy include sewer development in Tucson and the Central Arizona Project.

AV 0360-18

Rodney Lewis

Lewis was director of the Gila River Indian Community law office. Topics discussed in interviews with Mr. Lewis include farms and water rights.

ARIZONA STATE UNIVERSITY
DEPARTMENT OF ARCHIVES AND MANUSCRIPTS

Water collections at Arizona State University vary considerably in scope and are easily accessible. Areas of collection strength at ASU include material focusing on legislative issues and personalities, early water projects such as canal and dam construction, and the Central Arizona Project.

ASU has several databases available for researchers that search collections at a folder-title level. For those interested in doing in-depth research with material held by ASU an on-site visit is recommended since as of this writing the databases are not available on-line. However, these databases may be available at some time in the future. For further information, contact the libraries' Department of Archives and Manuscripts.

The ASU Manuscripts and Archives Database searches the folder titles of 39,369 titles. A shortcoming of the database is that it searches only folder titles, not content of a particular folder. Therefore, if a particular subject is contained in a collection but not listed in a folder title it will not emerge as a search result.

The Arizona and Southwest Index is available on-line and contains the records of various newspaper clippings, photographs, small and single item-collections, as well as pamphlets. The index is keyword searchable.

COLLECTIONS

MSS 11

Joseph and Grace Alexander Papers

37 ft

Joseph Alexander was a Phoenix attorney and founded the Alexander & Christy firm in the early 1900s. The "Alexander-Christy Law Firm" series contains considerable information regarding cases dealing with land issues as well as irrigation districts and water companies. Most of the cases date from 1900-mid 1920s

MSS 135

Arizona Common Cause Collection

42.7 ft; 1977-1993

This collection contains material dating from 1977 to 1993 and contains correspondence, memos, minutes, speeches, reports, and press releases. Items record government reform campaigns of a citizen lobby. The "Issue File" series contains a sub-series on "Energy Conservation & Water Supply" that holds a clippings file on the Central Arizona Project. Other information concerns water quality issues from the mid-1980s.

MSS 19

Roland Gail Baker Papers

8 ft; 1865-1965

Baker was an engineer for Salt River Valley Water Users Association and influential in designing many Arizona dams, powerplants, and irrigation systems. He worked with Bureau of Reclamation in examining the Colorado River. He was also Phoenix City Engineer and Chief Engineer for the Arizona Interstate Stream Commission from 1946 to the mid 1950s.

The collection consists of correspondence, contracts, notes, clippings, reports, trial exhibits, and printed matter. Most of the material deals with engineering work. Two series, "Arizona Water Supply," and "City of Phoenix" contain information on the Colorado River, Central Arizona Project, *Arizona v. California* case, municipal public works projects, water company information, and sewer and bridge construction.

MSS 100

Central Arizona Project Association

28.5 ft; 1922-1974

The Central Arizona Project Association formed in 1946 to provide public support for the passing of the Central Arizona Project in Congress.

The collection consists of correspondence, speeches, articles, reports, subject files, and scrapbooks dating from 1922-1974. Series include: Correspondence, Administrative Records (Board & Committee Minutes, Memoranda, Speeches & Articles, Reports, Financial Records), Subject Files (Central Arizona Project, Reclamation Associations, Legislation & Regulation, Seminars), and Scrapbooks.

MSS 93

Concerned Citizens Against Rio Salado

.5 ft; 1976-1987

A citizens activist group founded by Carolina Butler to oppose the Rio Salado project in Maricopa County.

The Collection contains correspondence, reports, agreements, newsclippings, and election material.

MSS 42

W. S. Gookin Papers

2 ft; 1956-1982

Goodkin was a hydrologist and engineer, worked for US Bureau of Reclamation. He advised on technical issues of the Central Arizona Project. In 1956 he was appointed

Arizona's Chief Engineer for *Arizona v. California* litigation. Gookin acted as consulting engineer to the Arizona Interstate Stream Commission 1956-1969 and was a member of the Central Arizona Project Association Executive Committee.

The collection contains diaries, transcripts, notes, and a report. The diaries describe his work with the Central Arizona Project. Information concerning water is limited.

MSS 1

Carl T. Hayden Papers

Hayden was a US Senator from Arizona from 1940 to 1968.

The Hayden Papers consist of personal and political correspondence, newsclippings, speeches, legislation, printed matter, and memorabilia extending from 1851 to 1979. The bulk of the collection concerns Hayden's activities as US Senator from Arizona (1940-1968). Material is divided into subject categories, those likely most helpful in the area of water-related topics include, from Series I: Central Arizona Project, Indian Affairs, Department of Interior, Land Management, Legislation, Mexico (water treaty), National Parks Service, Reclamation [considerable information]. From Series II: Bureau of Reclamation and Research Files.

The ASU Libraries has a searchable database expressly for the Hayden Collection as well as an extensive hard-copy finding aid.

MSS 84

Hayden Family Papers

1844-1912

The Hayden Family papers range from 1844-1912 and consist primarily of family correspondence. The collection has a Calendar, available in the reading room, detailing each letter.

MSS 48

George W. P. Hunt Papers

Hunt was an early Arizona legislator and later was elected as first State Governor. He also served as US Minister to Siam.

This collection contains correspondence, diaries, scrapbooks, notebooks, and other printed matter ranging from 1709-1955. Items from the Political/Professional Correspondence Series contains material from Hunt's service as Governor. The "Government/Politics" Correspondence from 1923-1926 contains information on the Colorado River Controversy focusing largely on Hunt's political views and opinions.

MSS 112

Rich Johnson Papers

7.5 ft; 1935-1986

Johnson served as chair of the Arizona Water Resources Association, Executive Director of Arizona Interstate Stream Commission, Executive Secretary of the Central Arizona Project Association. He was President of the Central Arizona Project Association in 1960 when it passed Congress.

Papers in the collection date from 1935-1986 and contain diaries, correspondence, memoranda, speeches, articles, press releases, bills, reports, audio tapes, and subject files. Series with in the records are: Central Arizona Project Files (material from early campaign to completion), Subject Files (Water Allocations, Plan 6: Financing, Orme Dam, Legislation), and Audio Recordings.

MSS 50

Perley M. Lewis Collection

7.5 feet; 1848-1978

Perley was an engineer and served as superintendent of Phoenix Municipal Water Department during the 1940s as well as with the Arizona Interstate Stream Commission and the Arizona Boundary Commission.

The Lewis Collection consists of correspondence, reports, research notes, maps, legal papers from 1848-1978. The majority of the material deals with *Arizona v. California* litigation and the Central Arizona Project. ASU has produced a Calendar providing researchers with an item-level description of documents in this collection.

MSS 7

William LoPiano Papers

39 ft; 1963-1968

LoPiano served as Mayor of Tempe.

The "County/State/Federal Organizations and Programs" series contains information on water issues. Information is sparse and concerns: Tempe's water and sewers, Arizona Municipal Water Users Association, Fluoridation, Water General (CAP, Rio Salado, Orme Dam, Land Conservation Act, Flood Plain).

MSS 52

Luhrs Family Papers

40 ft

This early Phoenix family owned hotel in downtown Phoenix. The collection contains limited material on water, with about six folders dealing with the Arizona Canal, Imperial Irrigation District, Salt River Valley Water Users Association, and Salt River Project.

MSS 55

Reg Manning Collection

31 ft; 1936-1981

Manning was an editorial cartoonist for the *Arizona Republic*.

This collection contains numerous political cartoons of covering a variety of years. Drawings included in the collection likely depict issues related to water problems and politics.

MSS 87

Royal Marks Collection

17 ft; 1848-1983

Marks was an attorney and tribal advocate who worked considerably with the Hualapai Tribe. He was also General Counsel for the San Carlos Tribe.

Items in the collection consist largely of legal material pertaining to several Arizona Indian tribes. There is limited material dealing with Native Americans and water rights. Of particular interest are the following series. "Salt River Community" material regarding the reservation and land dispute with the Salt River Water Users Association. The "Hualapai/Havasupai" series contains filings regarding Colorado River development. The "subject files" within this series has material dealing with the construction of Bridge and Marble Dams. Other water and Indian related items/files are scattered through the collection.

MSS 54

Henry S. McCluskey Collection

5.5 ft; 1911-1956

McCluskey was an attorney, union organizer, and member of the [Arizona] Colorado River Commission.

Most of the collection deals with McCluskey's involvement in labor and mining relations. However there is one series of "Colorado River Water Commission" materials. The series includes correspondence about Colorado River Compact, Boulder Dam, with Hayden, Swing-Johnson Bill; articles, speeches, Colter Water Project Association.

MSS 63

William J. and Laura Fulwiler Murphy Collection

1.5 ft; 1781-1983

Murphy was an Arizona contractor and land developer. He developed the Orangewood area and the club at Ingleside, which became a major Phoenix resort.

The Murphy Collection consists of correspondence, financial records, certificates, printed matter, and unpublished manuscripts dating from 1781-1983. Most of the collection is

correspondence with his wife about family matters and efforts to secure funding for the Arizona Canal and Phoenix land development ventures.

MSS 97

Howard Pyle Collection

70 ft; 1883-1987

Pyle served as the ninth Governor of Arizona. He was also an NBC Correspondent and elected as director of the Central Arizona Water Conservation District in 1980. Pyle administered water distribution of Central Arizona Project canal water until death.

The "Subject Files: Central Arizona Water Conservation District" series contains the most water information in this collection and consists primarily of correspondence, memoranda, minutes, committee proceedings, contracts, financial data, and speeches. The material dates from the 1980s.

MSS 2

John J. Rhodes Papers

338.5 ft; 1953-1983

Rhodes was an Arizona attorney and Congressman. He served in the US House of Representatives from 1952-1983. In 1973 Rhodes was elected House Minority Leader; it was in this position he co-authored legislation authorizing the Central Arizona Project.

The Rhodes Collection contains correspondence, reports, financial and travel records, and printed matter. The collection is organized into series by congresses (first 18 series), and three other series (Central Arizona Project, Campaign Files, Miscellaneous Files). Information in the CAP series includes: tape of John R. Murdock, reports, correspondence, files on various House Resolutions and Senate Bills, the Grand Canyon, the Sierra Club, Orme Dam, and several other subjects.

Due to the large size of this collection, researchers are encouraged to examine the finding aid and/or database for additional information on water-related issues in this collection.

MSS 5

John J. Rhodes Press Office Files

26.5 ft; 1973-1983

This collection consists of correspondence, press releases, congressional testimony, radio and tv program transcripts, record statements, administrative records, and publications. Information on several water-related topics (Central Arizona Project, water resources development, water policies, etc.) are scattered throughout the collection. Researchers are encouraged to reference the finding aid and/or database.

MSS 119

Eldon Rudd Papers

156.5 ft; 1962-1987

Rudd was a US Representative from Arizona, and serves on the Board of Directors of Salt River Project (1987-present).

Water-related information is spread throughout the collection and covers such topics as: Central Arizona Project, Orme Dam, Indian water cases, flood control, groundwater policy, and water reports. Series likely most useful to the researcher are: Resource and Subject Files" series, sub-series "Energy and Water," "Indians," and "Publicity and Public Presentations."

MSS 75

Howard J. Smith

.75 ft; 1946-1954

Smith was Executive Secretary to Central Arizona Project Association. He also served as Assistant State Treasurer, and State Land Commissioner.

Smith's collection consists of correspondence, press releases, and newsclippings about the Colorado River and Central Arizona Project Association. A calendar providing an item-level description is available.

MSS 82

Charles H. Woolf Papers

1.25ft; 1875-1961

Charles Woolf was an Arizona attorney.

This collection contains correspondence, business records, and financial records; mostly from the 1890-1925 period. There is information on the Tempe Water Development Company (Articles of Incorporation, stock certificates, contracts), the Salt River Valley Water Users Association, and the Tempe-Mesa Produce Company (stocks, contracts, etc.).

Arizona Historical Foundation Collections

Arizona State University also houses the collections of the Arizona Historical Foundation. This organization's material is cataloged and available through the ASU Libraries' on-line catalog. The reading room for the Arizona Historical Foundation is adjacent to the Luhrs' Reading Room.

MSS 59

Otis J. Baughn

.5 ft; 1916-1948

Water researchers will find Series three most helpful concerning water issue. The series deals with the San Carlos Project and various other issues, including the San Carlos dam.

MSS 23

Arizona Cattle Growers Association Collection

23.5 ft; 1940-1980

This collection consists primarily of material relating to ranching. However, there are some items focusing on land management and water rights.

MSS 30

Arizona Cotton Growers Association Collection

46.5 ft; 1950-1960s

This collection contains correspondence, minutes, legislation, and other material. Topics included are: agriculture, cotton, and water.

MSS 42

Sydney Kartus Collection

.5 ft; 1910-1957

The Kartus Collection consists of documents, clippings, correspondence about the Colorado River controversy. Material in the collection relates to litigation of the Arizona v. California Supreme Court case and Central Arizona Project.

Elizabeth B. Lewis Collection

1987-1991

This collection contains information about the Arizona Canal Diversion Channel and related water supply issues concerning the Flood Control Act of 1965. Material consists of legislation, correspondence, and various files.

MSS 27

Orme Lewis Papers

12 ft; 1930-1989

Orme was an Arizona lawyer and businessman.

This collection contains correspondence, reports, legal files, and financial records and deals with water issues in Arizona and the Southwest.

MSS 13

Thomas Maddock Collection

15 boxes

During his career, Maddock served as Arizona State Highway engineer, member of Arizona Colorado River Commission, as well as General Manager and engineer for the Gila Valley Irrigation District.

This collection consists of correspondence, speeches, miscellaneous papers and bills, and maps clippings relating to the Gila Valley Irrigation District, San Carlos Irrigation and Drainage District, Colorado River Commission, and Central Arizona Project. Different series include information pertaining to the Colorado River controversy, Gila Valley Irrigation District, and Engineering (flood control).

MSS 20

Charles A. Stauffer Collection

.5 ft; 1901-1960

Stauffer was owner and publisher of *Arizona Republic* newspaper.

The Stauffer Collection contains correspondence concerning underground water, cotton (1918), and the Colorado River in the 1920s.

NORTHERN ARIZONA UNIVERSITY
SPECIAL COLLECTIONS AND ARCHIVES DEPARTMENT

Northern Arizona University's Department of Special Collections and Archives has extensive original research material on water-related topics. Collections at NAU consist of manuscript and photograph collections. Particular collection strengths are in the areas of exploration and recreation on the Colorado River, especially in the Grand Canyon.

Photograph holdings in the department are available through the Special Collection and Archives' Image Database. The image database is available and searchable on-line at: <http://www.nau.edu/library/spccoll/imagedb.html>.

Manuscript Collections

Wyant Alexander Diary

5 inches; 1873

This collection consists of the diary of Alexander Wyant, who was part of the Wheeler Expedition through Nevada, northern Arizona, and southern Utah in 1873. The geographical region pertains to exploration of CR area, but there is no specific mention of water in the finding aid.

MS 77

Anderson, Martin J.

7.5 ft; 1869-1963

Anderson researched and wrote about the exploration of the Grand Canyon.

The collection contains research material about early exploration of the Grand Canyon, especially the 1869 and 1872 expeditions of J. W. Powell. Items in the collection consist of manuscripts, correspondence, notes, clippings, and photocopies pertaining to the period 1869-1963, before the creation of Lake Powell and before commercial river running through the Grand Canyon became practical and popular. There are ten series in the collection: J. W. Powell; Frederick S. Dellenbaugh; Almon H. Thompson; W. H. Jackson; Otis "Dock" Marston; the Grand Canyon; 1960 uprun of the Colorado River by jetboat; the Glen and Bessie Hyde mystery; subject files; and M. J. Anderson's correspondence.

MS 266

Arizona Lumber & Timber Company

28 ft; 1882-1947

The Arizona Lumber and Timber Co. Records include records of the Ayer Lumber Company, Greenlaw Lumber Company, and Howard Sheep Company. Series Six

consists of information on dams, includes water rights in the Flagstaff area, and talks about dams constructed by the company.

Arizona River Runners Incorporated

.5ft; 1970s and 1980s

The Arizona River Runners Inc. was founded in the 1960s and was concerned with preserving the quality of the Colorado River and Grand Canyon.

The collection pertains to commercial river running on the Colorado River. Most of the material consists of correspondence pertaining to quotas and motor vs. oar issues in the Grand Canyon during the 1970s and 80s. Items also include statistics and charts on the quotas and cost comparisons of trips. There are numerous news articles on the Grand Canyon and river running. The Colorado River Management Plan and copies of other legislation are also included in the collection.

Babbitt Brothers Trading Company

116 ft; 1880-1980

This large collection consists of eight series comprised of correspondence, subject files, deeds, and other material. Titles of the eight series are: Property; Water Rights; Subject/Correspondence Files; Taxes; Oil Investments; E.D. Babbitt Motor Company; Court Cases; and Ledgers. Series two, "Water Rights, 1890-1970" is made of twenty-one folders. The names of early sheep and cattle ranchers, dates, and improvements to property are listed on the water rights documents.

George Babbitt

9 ft

Series One of this collection contains some information on water rights and the water rights of Native Americans. Most of the information is in the form of government reports.

William Bass Collection

3 ft; 1920-1965

Early Grand Canyon area resident.

This collection contains several folders dealing with the Grand Canyon, one folder on Boulder Dam, and one on Glen Canyon Commentary. There is also a folder titled Grand Canyon Lecture.

William "Bill" Belknap Collection

8.5 ft; 1942-1985

The Department of Special Collections and Archives maintains an on-line exhibit of Bill Belknap's life and work. It can be found through the Department's homepage.

Bill Belknap was a photographer and writer. During his career he was a White House photographer and worked for the National Geographic Society.

This collection is comprised largely of photographic materials and is divided into nineteen series. The series of most interest to those researching water issues include series four, "National Geographic--Grand Canyon (1955)," series nine, "National Geographic--Rapids in Reverse (1960-1964)," series thirteen, "National Geographic--Hualapai and Dams (1966)," series fifteen, "National Geographic--Powell Centennial 1916-1969)," series seventeen, "Belknap's Canyon and River Adventures (1950-1970)," series eighteen, "Grand Canyon History (1869-1983)," and series nineteen, "River and Canyon Literature (1953-1985)."

John Harvey Butchart

10 ft; 1947-1980

Avid hiker and explorer of Grand Canyon trails and approaches. Retired mathematics professor at Northern Arizona University.

This collection consists of correspondence, published articles, and trail logs organized into five series. The majority of the collection is comprised of trail logs of sites in the Grand Canyon. There are some photographic slides present also.

Carnegie Cal-Tech Collection

.5 ft; ca 1930s

The Carnegie Cal-Tech collection records the events of geological research expeditions from Cal-Tech University in the Grand Canyon during the 1930s. Members of the expeditions included Dr. John Stark, Robert Sharp, and Edwin D. McKee.

This collection consists of field notebooks, photographs, reports, and copies of journals.

MS 270

Georgie White Clark Collection

4 ft; 1898-1994

Clark's first swam down the Colorado River in 1945. She was one of the first women river runners on the Colorado and led trips down the river into the 1970s.

This collection includes scrapbooks, correspondence, maps, photographs, and artifacts. Material is organized into two sub-groups. Nearly one-third of the collection is comprised of scrapbooks. Researchers should also consult the Georgie White Clark photo collections and Georgie White Clark oral history.

MS 91
Platt Cline Collection
14 ft; 1884-1975

Cline was a local historian of northern Arizona.

This collection consists of subject files, correspondence, business papers, and scrapbooks. Material is organized into thirty-five series, including: the Babbitts; Grand Canyon National Park Booklet; Carl Hayden; and Inner Basin Water Development Notebooks.

MS 248
Colorado River Controversy Collection
1 ft; 1937-1948

Material in this collection consists of bills, clippings, reports, speeches, and correspondence relating to the Colorado River controversy. The correspondence appears to be between individuals closely associated with affairs of northern Arizona, such as the mayor of Flagstaff.

MS 69
Lois Cutter Jotter Collection
4 inches; 1938-1995

Lois Cutter was one of the first women to successfully navigate the Colorado River's major rapids. She was a botanist with the Nevills expedition in 1938. The University of Michigan sponsored the Nevills expedition, which ran the Colorado River from Green River to Lake Mead.

This small collection is organized into three series, Literary Productions; Personal Correspondence; and Research Correspondence. Cutter's journal from the 1938 trip is also in the collection.

Dellenbaugh/Bonney Correspondence Collection
.5 ft; 1931-1935 and 1960-1981

This collection contains correspondence, photographs, and newspaper articles. The material is organized into two series the first providing considerable information about Dellenbaugh, his explorations, and life. The second series focuses primarily on Bonney.

MS 236
Andre Faure Papers
11 ft; 1946-1971

Faure was City Planner in Flagstaff, Arizona.

This collection contains plans, aerial photographs of Sedona and Oak Creek Canyon, Flagstaff, and Williams, and some papers. Information concerning water issues is limited. Researchers are encouraged to examine the finding aid for this collection, which details its holdings as the folder-level.

Flagstaff 2020

4 ft

This collection documents city-planning initiatives for Flagstaff, Arizona. Material focusing on water issues is likely limited.

Flagstaff Water Use Commission Minutes

5 inches; 1958-1976

This collection consists of bound minutes of the Commission.

Grand Canyon Pioneers Collection

3.5 ft

Minor amounts of material dealing with water are found in this collection. However, there are some photographs and documents dealing with water rights; as well as a few items dealing with river trips.

MS 247

Grand Canyon River Guides Records

1.5 ft; 1984-1992

This organization was formed in 1988 and advocates for environmental interests in the Grand Canyon.

This collection is organized into five series, Business Records; Activities and Issues; Other Organizations; Photographs; and River Rendezvous. Material in this collection consists of subject files, minutes of meetings, financial reports, and correspondence.

Grand Canyon Trust

1 ft

This collection contains miscellaneous reports and gray literature about the Colorado Plateau. There is no information about whether or not information dealing with water issues is present.

MS 280

Fred Harvey Company Collection

24 ft; 1900-1983

Harvey owned several resorts and restaurants across the nation, including many in the Grand Canyon.

This collection is organized into two sub-groups, with the first containing many historical records of the company. Items vary from blueprints to menus. The collection consists of material from the Fred Harvey Indian Department, Grand Canyon operations, and with Harvey's Bright Angel Camp and other resorts.

MS 145

Hopi Extension Work Reports Collection

5 inches; 1938-1950

This collection consists of annual reports on the livestock, grazing, and agricultural conditions on the Hopi Reservation as reported to the Department of Interior's Bureau of Indian Affairs in 1938-1939, 1941-1950.

MS 197

Emery Kolb Papers

36 ft; 1905-1976

The Department of Special Collections and Archives holds approximately 250,000 photographs and moving images taken by Kolb.

Kolb was a photographer from Grand Canyon, Arizona.

This collection consists of correspondence, journals, manuscripts, scrapbooks, pamphlets, business papers, and other records. Material has been organized into nine series: Correspondence; Subject Files; Tape Recordings; Business Ledgers; Cancelled Checks; Income Tax Returns; Miscellaneous Records; and Publications. The collection also contains the first motion picture of individuals running the Colorado River rapids.

MS 238

Lauzon Family Papers

3.5 ft; 1885-1980

Grand Canyon area residents, adventurers, and National Park Ranger.

The Lauzon Papers consist of correspondence, research notes, diaries, and other historical information. The collection is organized into nine series: Lauzon Family Correspondence, Notebooks and Diaries; Lauzon Family Documents; Ada Bass Diary; Lauzon Occupational Documents; Homestead Documents; Bert Lauzon's writing and subject files; Hubert F. Lauzon's writing and subject files; and Grand Canyon Ephemera. Documents detail the development of northern Arizona, the Grand Canyon National Park, mining claims, and grazing.

Navajo Environmental Issues Collection

.5 ft; ca 1993

Material in this collection consists of correspondence, pamphlets, and articles. Documents deal with a variety of environmental subjects including: asbestos dumps, landfills, mining, uranium mining, water issues, and water quality.

MS 240

Plateau Geoservices Group Records

2 ft; 1934-1987

The Plateau Geoservices Group is a geological and hydrological consulting firm composed of Northern Arizona University graduate students.

Material in this collection consists of manuscripts, maps, and subject files. Subjects of interest to water researchers include Sedona's groundwater quality and hydrology. Most of the information dealing with water focuses on wastewater and wells.

MS 177

Jay Price Papers

2 ft; 1950s

Price was a forester in northern Arizona.

This collection consists of correspondence, files, and other reports dealing with forestry topics in the 1950s. Price's papers also include information on watershed and forest management for the Salt River and Central Arizona Project as part of the Arizona Water Resources Committee files, 1956-1960. Material dealing with the Arizona chapter of the Soil and Conservation Society is also present.

Rainbow Bridge Collection

1 ft; 1907-1979

This collection consists of publications, memoranda, and correspondence regarding Rainbow Bridge. Material has been organized into six series: General Information; Discovery; History; Native Americans; Rainbow Bridge-Lake Powell Controversy; and Technical Information.

P. T. Reilly Papers

21 ft; 1932-1960s

Material in the Reilly papers demonstrate Mr. Reilly's interest in the Grand Canyon, river running, and exploration of the region. The majority of the papers originate in the 1950s and 1960s and include information on river running, exploration, and publishing.

MS 196

Sam Steiger Papers

67 ft; 1970-1976

Steiger was a member of the US House of Representatives from Prescott, Arizona.

Material in this collection consists of correspondence, legislative and subjects files, and print materials. Information on the Sierra Club, the Central Arizona Project, Colorado River, desalinization, and the Grand Canyon are present.

Harold Sykes Papers

1 folder; 1947-1950

Sykes was mayor of Flagstaff, Arizona during the 1940s.

This small collection consists of correspondence to Harold Sykes concerning the building of a swimming pool in Flagstaff, 1947-1950.

Williams Water Works

1 folder; 1899-1901

Material in this collection includes the organization's Articles of Incorporation and minutes of meetings from 1899 to 1901.

Arizona Historical Society--Pioneer Museum

Northern Arizona University's Department of Special Collections and Archives maintains the collectins of the Arizona Historical Society--Pioneer Musuem. Material of interest in the Historical Society's collections is found in Collection 21, Ranch and Water Permit Book. This material contains one folder of information, a yearbook from 1923, and 1942 to 1945.

SHARLOT HALL MUSEUM ARCHIVES AND LIBRARY

The collection strengths of the Sharlot Hall Museum's Archives centers on the central mountain region of Arizona. This region includes Yavapai county and the city of Prescott. The Archives holdings include maps, photographs, oral histories, manuscript collections, books, and local newspapers. On-line catalogs providing access to much of the institution's material are available through the museum's homepage at: <http://www.sharlothall.lib.az.us> .

Manuscript Collections

Most of the manuscript collections as the Sharlot Hall Museum relate to mining in central Arizona. However, there are a small number of collections dealing with water issues.

Document Box 384

Mona McCroskey Collection

7 folders

Mona McCroskey a volunteer and oral historian at the Sharlot Hall Museum has compiled approximately one box of water-related materials.

The material in this collection dates from the Arizona Territorial era to the post-statehood era, and deals with Arizona water resources. Items in the collection, including the compiled bibliography, are restricted to photocopying.

Waara Collection

William Waara was a Yavapai County and mining engineer from 1911 to 1957.

The collection focuses primarily on Mr. Waara's career in engineering and mining and includes over 2,000 maps. Specific water-related issues consist of a 1919 report on the Groom Creek Project.

Photographs

The Sharlot Hall Museum Archives holds 94,000 images. Approximately half of these images have been cataloged and are available on the Arizona and Southwest Index. The on-line Arizona and Southwest Index is available through the Sharlot Hall Museum's WebPage.

Several water-related topics are depicted in the photographs, such as irrigation, dam, canals, and so on.

Print Material

The Museum's Archives maintains approximately 10,000 volumes. The majority of these items are books. However, some primary material (reports, proceeding, etc.) are also present and have been cataloged for ease in retrieval and research. An on-line, searchable catalog of the Museum's printed material is available through the Yavapai County Library Network. This on-line catalog can be reached through the Museum's WebPage.

Oral Histories

Sharlot Hall's Oral History Collection consists of 350 tapes and transcripts. A card catalog in the Archives' reading room can be searched topically for subjects covered at length in the recorded interviews.

The Walt Minucci oral history contains material dealing with water development in Prescott, Arizona.

Map and Newspaper Collections

The map and newspaper collections at the Sharlot Hall Museum are index in a card catalog available in the Archives' reading room. The Museum holds approximately 4,000 maps and newspapers from the region dating from 1864 to the present.

THE UNIVERSITY OF ARIZONA RESEARCH ARCHIVES, MUSEUMS, AND SPECIAL COLLECTIONS

The University of Arizona's Department of Special Collections maintains several unique items relating to water in Arizona. Strengths of the institution's water holdings include material from the Spanish and pre-territorial era, collections of influential political figures, and the papers of academic water researchers.

Researchers are encouraged to visit the University of Arizona's Department of Special Collections homepage. This Internet resource is available through the UA Libraries' main WebPage. This site includes on-line exhibits, finding aids for some record groups, and an alphabetical listing of collections. Material available for researchers, held by Special Collections, is cataloged and accessible using SABIO, the University Libraries' on-line catalog. General descriptions and content notes regarding historical collections held by the institution are also available through SABIO.

Researchers should be aware that the University of Arizona is home for the Center for Creative Photography. This institution maintains a research center and contains the papers and collections of nearly 150 photographers. The Center for Creative Photography maintains a website at <http://dizzy.library.arizona.edu/branches/ccp/ccphome.html>.

Manuscript Collections

AZ 171

Papers of William Burnham Alexander

17 items; 1907-1929

Alexander was an engineer who worked on irrigation and reclamation projects in Arizona.

This collection consists of correspondence, agreements, and articles of incorporation pertaining to water and power projects in Arizona. Material includes items pertaining to the Sabino Canyon Power and Irrigation Project as well as the Great Western Power Company, and Federal Power and Water Company.

MS 306

Cotton Land Company

5.8 ft; 1909-1970

The Cotton Land Company purchased, improved, managed, and sold land on the east side of the Colorado River. The Cotton Water and Irrigation Company assigned water rights to the land acquired by the Land Company.

Water Rights files include reports on effects of rising Colorado River at Needles, and documents relating to the acquisition of land and Colorado River water by the company. Other topics in the collection include litigation, the Mohave Indians, farms, and the construction of Parker Dam.

AZ 416

Diario de Exploraciones en Arizona y California

1 volume (281 pages); 1777

Padre Francisco Garces was a Spanish Franciscan missionary and explorer of the Southwest. In 1775, Garces left on a yearlong expedition traveling through parts of what is now Arizona and California.

This collection consists of the manuscript diary of Padre Garces, which includes his travels in Arizona, California, and Sonora.

AZ 407

Papers of Frederick Samuel Dellenbaugh

15 ft; 1867-1937

Dellenbaugh was an explorer, artist, and writer with John Wesley Powell's second Colorado River expedition in 1871.

This collection contains correspondence, diaries, notes, manuscripts, clippings, drawings, publications, and photographs. Material is organized into five series: Correspondence, Exploration Materials, Writings, Art and Photographs, and Personal/Family Materials.

AZ 290

Douglas Family [Lewis W. Douglas] Papers

237 ft; 1764-1974

Lewis Douglas was an Arizona businessman, politician, state legislator, and member of the US House of Representatives.

Although a family collection, most of the papers concern the political affairs of Lewis Douglas. The inventory is quite detailed, to the item level in many instances. Boxes containing material of interest to water researchers include:

Boxes 131-136 (Colorado River), 156-159 (Colorado River), 163 (Irrigation), 194 (Colorado River), 195 (Indian affairs and Irrigation), 209 (Waterways), 322-326 ("Rainmaking" and atmospheric physics), 342-345 (Central Arizona Project)

AZ 326

Fred Harvey Company Papers

8.3 ft; 17 boxes; 1896-1945

Harvey owned several resorts and restaurants across the nation, including many in the Grand Canyon.

The collection consists of photographs of Grand Canyon resorts (Bright Angel Camp, Hermit's Rest and Hermit Creek Camp, Hopi House, the Lookout, and Phantom Ranch). Material also includes some correspondence and ledgers from some of the resorts.

Microfilm 3998 and 3999

Huachuca Water Company, Tombstone, Arizona

3 reels microfilm; 1935-1947

This collection contains the financial journals and other materials of the Huachuca Water Company.

AZ 80

Scrapbooks of George W. P. Hunt

24 ft; 1910-1932

Hunt served as first state Governor and was also Chair of the Arizona Colorado River Commission from 1927 to 1932.

This collection consists of seventy scrapbooks containing mostly newspaper clippings. Most of the articles are about Hunt's career and include items relating to development of the Colorado River.

AZ 134

Diary of Louis John Frederick Jaeger

.4 ft; 1875-1892

Jaeger was an adventurer who operated a Colorado River ferry at Yuma, Arizona.

This collection consists of two holograph notebooks with entries relating to weather, work, financial obligations, and daily events. A transcript of the material accompanies the notebooks.

AZ 135

Account Books of Louis John Frederick Jaeger

1.2 ft; 1860-1891

This collection consists of four ledgers dated 1860-1861, 1876, and 1891.

AZ 156

Lee's Ferry

1 ledger book; 1922

One ledger book with entries for crossings and costs at Lee's Ferry.

AZ 28

Jacob E. Ludy [Scrapbook of Verda Lee Ludy Parrick]

.2 ft; 1900-1920

Verda Parrick was the daughter of Jacob E. Ludy a civil engineer involved with the building of the Yuma Canal.

This collection contains one scrapbook with photos, and other biographical information about Jacob Ludy.

AZ 151

John R. Murdock Papers

8 ft; 1937-1952

Murdock was a member of US House of Representatives from Arizona and quite involved in water issues.

The two boxes in this collection consist of correspondence, legislation, radio addresses, clippings, bills, hearings, etc. Most of box 2 deals with the Colorado River, All American Canal, Central Arizona Project, as well as the Gila River and other water projects.

AZ 233

Minute Book of the New England Land Company, Phoenix, Arizona

1 item; 1890-1897

The New England Land Company promoted land development and irrigation development in Maricopa County. It was also principal stockholder of the Arizona Improvement Company.

This collection consists of one volume of meeting minutes, articles of incorporation, and by-laws of the company.

AZ 254

San Xavier Indian Reservation Water Users Association

1 envelope (3 folders); 1939-1949

The San Xavier Indian Reservation Water Users Association was involved in development and irrigation issues on the San Xavier Reservation.

This collection contains material pertaining to the San Xavier Indian Reservation. Items include correspondence and miscellaneous papers, minutes, and time sheets for Indian laborers.

AZ 563

Harold C. Schwalen Papers

24 ft; 1919-1965

Schwalen was a University of Arizona agricultural engineering professor.

The collection contains research notes, calculations, maps, photos, correspondence, reports, legal documents, and other studies. Most of the information deals with Schwalen's work and research. There are also about 2 feet of photographs dealing with floods, erosion, pumping, irrigation, and well drilling.

"Papers reflect [Schwalen's] research with the development and use of groundwater for irrigation; surface water investigations; irrigation water measurements; irrigation systems planning; design/layout of irrigation pipelines and canal systems; pumping plant design.... These historic studies comprise some of the first and only records of early water research." [from finding aid]

AZ 26

Correspondence of George Walter Shute

.8 ft; 1908-1912

Shute served as District Attorney of Gila County from 1908 to 1912.

This collection contains correspondence pertaining to Shute's work as district attorney and includes information regarding land litigation around Roosevelt Dam.

MS 280

George E. P. Smith

12.5 ft; 1895-1972

George Smith was a University of Arizona professor who pioneered the development and use of underground and surface waters in Arizona.

This collection is organized into two groups, papers and photos. Smith's papers consist of research material, travel and research diaries, journal publications, speeches, correspondence, articles, and printed material. Photos in the collection consist of black and white photos taken from 1906 to 1953 and deal with conservation efforts in Arizona. Photos of California, Idaho, India, Nevada, New Mexico, and Utah are also present.

AZ 124

US Soil Conservation Service--Land Management Survey of Navajo Reservation

4 boxes;

Most of the collection consists of manuscript notes and preliminary reports dealing with land, engineering, agronomy and range management on the Navajo Indian Reservation.

However, there are reports titled "Stock Waters in Land Management District 4" and "Sub-Watershed Plan."

MS 325

Morris Udall Collection

1200 ft; 1920-1995

Researchers are encouraged to visit an on-line exhibit regarding Morris Udall. "Morris K. Udall: A Lifetime of Service to Arizona and the United States" is at <http://www.library.arizona.edu/branches/spc/udall/homepage.html>. This site contains extensive information on Morris Udall, including selected speeches, digitized photographs, additional biographical material, and a finding aid to the collection.

Morris Udall represented Arizona in the US House of Representatives from 1961 to 1991. During his service he dealt with many water issues, including the Central Arizona Project, Colorado River use, and environmental issues.

This collection consists of Udall's professional papers. The material includes appointment books, legislative files, clippings, correspondence, and numerous other items. The collection is organized into five sub-groups (Personal, Legislative, Administrative, Media, and Supplemental files). Each of the sub-groups is further organized into series. Researchers can examine the folder-level collection inventory available in the Special Collections' reading room or on-line.

AZ 372

Stewart Udall Collection

102 ft; 1950-1977

Researchers are encouraged to visit an on-line exhibit focusing on Stewart Udall and his career. "Stewart Lee Udall: Advocate for the Planet Earth" is located at <http://idzzy.library.arizona.edu/branches/spc/sludall/home.htm>. This site also contains extensive information on Stewart Udall, his career, life, selected speeches, photographs, and finding aid to the collection.

Stewart Udall was an Arizona lawyer, US Representative from 1955 to 1960, and US Secretary of the Interior during the Kennedy and Johnson administrations (1961 to 1968).

This collection consists of material from Udall's public service in the 84th through 86th US Congresses and as Secretary of the Interior. Items are organized into five series (Campaign and Congressional Materials, Department of the Interior, Later Years, Personal Items, and Publications). Material types include correspondence, hearings, bills, speeches, administrative files, photographs, newspaper and magazine articles, films, and an oral history interview.

AZ 181

Data on Wells and Pump Irrigation

.4 ft; 1904-1941

Material in this collection consists of records and data from a University of Arizona College of Agriculture and US Department of Agriculture project. Areas studied by the project include Townships 9-21 in Pima County, and areas along the Santa Cruz River, Rillito Creek, and Sabino Canyon.

Photograph Collections

The photograph collections in the University of Arizona's Department of Special Collections contain extensive photographs of Tucson and the surrounding area, Southwest Native American tribes, and the 1884-85 and 1885-86 expeditions of William John McGee, noted ethnographer and hydrologist.

COLLECTIONS AT INSTITUTIONS OUTSIDE ARIZONA

National Archives—Washington, DC

RG 115, Records of the Bureau of Reclamation

RG 138, Records of the Federal Energy Regulatory Commission (formerly Federal Power Commission, 1920-1977)

National Archives--Pacific Southwest Region, Laguna Niguel, California

RG 48, Records of the Office of the Secretary of the Interior (Records of the Office of the Solicitor, Los Angeles)

Herbert Hoover Presidential Library

Delph E. Carter Papers
3 ft; 1922-1945

Herbert Hoover Papers (Commerce Period and Colorado River Commission)
33 ft; 1921-1954

Stanford University

Papers of Northcutt Ely, MS 74-1027
30 ft; 1900-1965

Ely was lead counsel for California during the *Arizona v. California* Supreme Court case in the 1950s and 1960s.

Nevada State Archives

Colorado River Collection

APPENDIX A

Arizona's Government Water Authorities

Colorado River Commission of Arizona

9 March 1939 to 22 February 1945

The Colorado River Commission of Arizona was created to help insure Arizona's interest concerning water allocations from the Colorado River.

Upon the Commission's disbanding in 1945, part of its functions transferred to the State Land and Water Commissioner and part to the Arizona Power Authority. The Water Commissioner and Chairman of the Power Authority sat on the Arizona Interstate Stream Commission as ex officio members after its organization in 1948.

During the period from 1945 to 1948, the Governor of Arizona directly handled interstate water issues. The Governor drew upon the expertise of engineering and legal advisors (likely R. Gail Baker and Charles Carson).

Arizona Interstate Stream Commission

31 January 1948 to 13 April 1971

The 18th Arizona Legislature, 3rd Special Session authorized the Interstate Stream Commission with Chapter 4, Senate Bill No. 1. The Commission's primary responsibility was to oversee affairs of to secure Arizona's usage rights of the Colorado River. Other duties of the Commission were to: prosecute and defend the rights of the State concerning interstate waters, formulate development projects for the use of those waters, and participate in conferences, hearings, and trials pertaining to interstate water rights. The Commission's most lasting contribution was the successful representation of the State in the landmark *Arizona v. California et. al.* before the US Supreme Court.

Arizona Water Commission

13 April 1971 to 12 June 1980

Created by House Bill No. 3, the Arizona Water Commission administered the State's water assets and affairs.

Arizona Department of Water Resources

12 June 1980 to 1 July 2000 (unless continued)

With the passage of the Groundwater Management Act on June 12, 1980, the Arizona Legislature created the Arizona Department of Water Resources (DWR). The Department ensures water supplies for Arizona's future through the management of

surface and groundwater distribution, promotion of water conservation, protection of Arizona's Colorado River water supply, managing floodplains, and administration of water law.

Arizona Colorado River Boundary Commission

3 March 1953 to 26 May 1967

The Arizona Colorado River Boundary Commission was given authority to negotiate, on the state's behalf, with other states and federal government issues concerning the boundary formed by the Colorado River.

APPENDIX B

This is a list of some of the legislation dealing with water issues in Arizona. Some legislation was brought before Arizona lawmakers, others before Federal lawmakers. Researchers should not consider this list complete.

Water Legislation

Swing-Johnson Bills (1922, 1923, 1926, 1928): Presented to Congress on four occasions, known as the First through Fourth Swing-Johnson Bills. The bill authorized construction of the Boulder Canyon Dam (later re-named Hoover Dam). The Third Swing-Johnson Bill was also known as the Boulder Canyon Project Act. On 21 December 1928, President Coolidge approved an amended Boulder Canyon Project Bill (Fourth Swing-Johnson Bill). Construction began on the Boulder Dam on 7 July 1932 and was completed on 1 March 1935.

HR 5434: Bill re-authorizing the Gila Project (originally authorized in June, 1937, provided irrigation from the Colorado River, for 150,000 acres in the Lower Gila Valley). The bill also involves the Wellton-Mohawk land and land in the Yuma Mesa Division.

S 1175 (1947): Bill authorizing the construction of the Bridge Canyon Project. (According to the AISC Annual Report for 1950, the Bridge Canyon Project and Central Arizona Project were the same.)

JR 145 (McCarran-Downey Resolution): Brought interstate apportionment of the Colorado River into question, and was designed to block passage of the Central Arizona Project (CAP). Litigation concerning the apportionment of waters went before the US Supreme Court.

Mexican Water Treaty of 1944: Presidential proclamation declared the United States-Mexican Water Treaty effective 8 November 1945. The treaty provided Mexico with 1,500,000 acre-feet of water per year from the Colorado River.

S 75 (1949): Senate bill to authorize the Central Arizona Project. CAP Project Bill passed in the Senate, 21 February 1950.

HR 934 and HR 935 (1949): House of Representatives bills authorizing construction of the Central Arizona Project.

HR 4671: Central Arizona Project bill in House of Representatives.

APPENDIX C

Some Individuals Associated with the *Arizona v. California* Case and Water Issues

Wayne M. Akin: Arizona business man and real estate developer. Mr. Akin formed the Western Farm Management Company and the Colorado River Project Association. He was also first Chair of Arizona Interstate Stream Commission as well as first Chair of the Central Arizona Project Association.

Gove Allen: Worked with Arizona Interstate Stream Commission's legal team, and compiled an index to transcripts of *Arizona v. California* Supreme Court case and other work.

Alfred Atkinson: Member of the Arizona Interstate Stream Commission. Served as a commissioner and President of the University of Arizona (late 1940s early 1950s).

Roland Gail Baker: Engineer for Salt River Valley Water Users Association and influential in designing many Arizona dams, powerplants, and irrigation systems. He worked with Bureau of Reclamation in examining the Colorado River. He was also Phoenix City Engineer, State Reclamation Engineer, and Chief Engineer for the Arizona Interstate Stream Commission from 1946 to the mid-1950s.

Charles A. Carson: Phoenix-area attorney in the 1930s. Mr. Carson worked as a consulting attorney advising the state on water issues prior to the Arizona Interstate Stream Commission's organization. After the Commission's formation, Carson served Legal Counsel for the Commission.

Victor I. Corbell: Commissioner on the Arizona Interstate Stream Commission.

Northcutt Ely: Chief Counsel for California in *Arizona v. California*.

Paul Fannin: Governor of Arizona and Arizona Senator.

Sam Goddard: Governor of Arizona.

W. S. Gookin: Hydrologist and engineer worked for US Bureau of Reclamation. He advised on technical issues of the Central Arizona Project. In 1956 he was appointed Arizona's Chief Engineer for *Arizona v. California* litigation. Gookin acted as consulting engineer to the Arizona Interstate Stream Commission 1956-1969 and was a member of the Central Arizona Project Association Executive Committee.

Carl Hayden: Arizona Senator from 1940 to 1968 who helped present the Central Arizona Project to Congress.

Rich Johnson: Chair of the Arizona Water Resources Association, Executive Director of Arizona Interstate Stream Commission, Executive Secretary of the Central Arizona Project Association. He was President of the Central Arizona Project Association in 1960 when it passed Congress.

Perley M. Lewis: Engineer and served as Superintendent of Phoenix Municipal Water Department during the 1940s as well as with the Arizona Interstate Stream Commission and the Arizona Boundary Commission. He wrote or compiled several reports used as preparation material, evidence, or exhibits in the case and compiled study on Indians in Arizona for use in legal matters.

Thomas Maddock: Arizona pioneer, legislator, and state highway engineer. Maddock later served as an Arizona legislator as well as a member of the Colorado River Commission and engineer for Gila Valley Irrigation District.

Ernest McFarland: Arizona Senator who helped present the Central Arizona Project to Congress.

Ralph I. Meeker: A consulting irrigation engineer for the Arizona Interstate Stream Commission.

J. H. Moeur: Special Legal Consultant for the Arizona Interstate Stream Commission in 1950. Chief Counsel for the Arizona Interstate Stream Commission, at least during 1952 as he is listed as such on legal memos and briefs.

Charles H. Reed: Mr. Reed was Chief Counsel for the Interstate Stream Commission during part of the Colorado River litigation. He was a partner in the law firm of Reed, Wood, and Platt, Attorneys at Law, Coolidge, Arizona.

John J. Rhodes: Arizona attorney and Congressman. He served in the US House of Representatives from 1952-1983. In 1973 Rhodes was elected House Minority Leader; it was in this position he co-authored legislation authorizing the Central Arizona Project.

Howard J. Smith: Executive Secretary to Central Arizona Project Association. He also served as Assistant State Treasurer, and State Land Commissioner.

E. A. Thomas: Arizona Power Authority Chairman.

R. J. Tipton: Consulting Engineer, State of Arizona.

Morris Udall: Represented Arizona in the US House of Representatives from 1961 to 1991. During his service he dealt with many water issues, including the Central Arizona Project, Colorado River use, and environmental issues.

Stewart Udall: Arizona lawyer, US Representative from 1955 to 1960, and US Secretary of the Interior during the Kennedy and Johnson administrations (1961 to 1968).

John G. Will: Designated as "Special Counsel" for the Arizona Interstate Stream Commission in correspondence from 1958.